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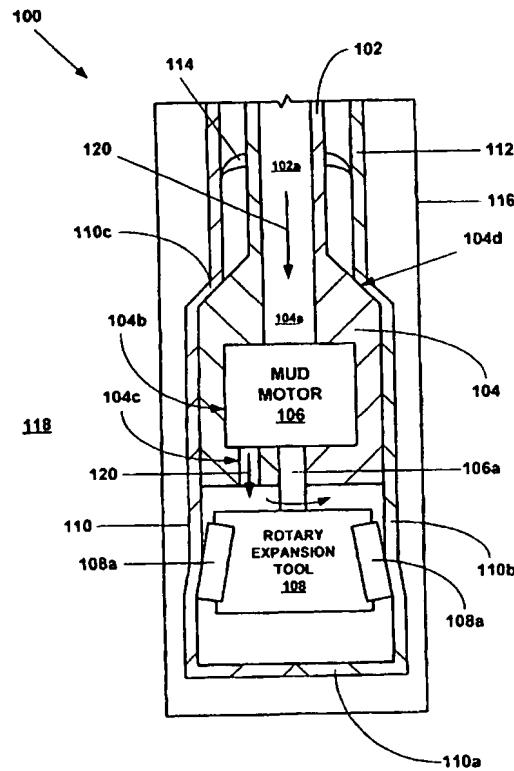
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[Continued on next page]

(54) Title: APPARATUS AND METHOD RADIALLY EXPANDING A WELLBORE CASING USING AN EXPANSION MANDREL AND A ROTARY EXPANSION TOOL



(57) Abstract: An apparatus and method for radially expanding a wellbore casing (112) using an expansion mandrel (104) and a rotary expansion tool (108).

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<p>A. CLASSIFICATION OF SUBJECT MATTER</p> <p>IPC(7) : E21B 23/00, 43/10 US CL : 166/380, 382, 207</p> <p>According to International Patent Classification (IPC) or to both national classification and IPC</p>																			
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<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category *</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>US 3,785,193 A (KINLEY et al) 15 January 1974 (15/01/1974), Figures 1-3.</td> <td>2, 4-6 and 8-15</td> </tr> <tr> <td>X</td> <td>US 2,627,891 A (CLARK) 10 February 1953 (10/02/1953), Figures 1 and 4.</td> <td>2, 4-6 and 8-15</td> </tr> <tr> <td>A, P</td> <td>US 6,543,552 A (METCALFE et al) 08 April 2003 (08/04/2003), Figures 1-7.</td> <td>1-15</td> </tr> <tr> <td>A</td> <td>US 3,818,734 A (BATEMAN) 25 June 1974 (25/06/1974), see Figure 1.</td> <td>1-15</td> </tr> <tr> <td>A</td> <td>US 2003/0024711 A1 (SIMPSON et al) 06 February 2003 (06/02/2003), Figure 2</td> <td>1-15</td> </tr> </tbody> </table>		Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	US 3,785,193 A (KINLEY et al) 15 January 1974 (15/01/1974), Figures 1-3.	2, 4-6 and 8-15	X	US 2,627,891 A (CLARK) 10 February 1953 (10/02/1953), Figures 1 and 4.	2, 4-6 and 8-15	A, P	US 6,543,552 A (METCALFE et al) 08 April 2003 (08/04/2003), Figures 1-7.	1-15	A	US 3,818,734 A (BATEMAN) 25 June 1974 (25/06/1974), see Figure 1.	1-15	A	US 2003/0024711 A1 (SIMPSON et al) 06 February 2003 (06/02/2003), Figure 2	1-15
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